

WHAT IS CLAIMED IS:

1. ~~A printing control method of controlling a printing device to output predetermined data onto a printing medium, comprising:~~

5       a separation printing check step of checking a separating printing setting, set in advance, representing whether a predetermined medium is additionally output over each page of the output;

10       a printing order check step of checking a printing order setting, set in advance, representing whether the predetermined data is output from a final page or first page; and

15       a control step of, when the separation printing setting is set to additionally output the predetermined medium and the printing order setting is set to output the predetermined data from the first page, controlling to output each page of the output and then additionally output the predetermined medium before a next page is output, and when the separation printing setting is set to additionally  
20       output the predetermined medium and the printing order setting is set to output the predetermined data from the final page, controlling to additionally output the predetermined medium before each page of the output is output.

25       2. The method according to claim 1, further comprising:  
~~a saving state check step of checking whether the~~

printing device is set to a saving state in which a page  
having no output data is not output; and

5 a saving function invalidating step of invalidating  
setting of the saving state when setting of additionally  
outputting the predetermined medium is detected in the  
separation printing check step and setting of the saving  
state is detected in the saving function check step.

3. The method according to claim 1, wherein the  
separation printing check step comprises checking a layout  
10 paper printing setting, set in advance, representing  
whether a predetermined content is printed on the  
predetermined medium, and

the method further comprises:

15 a saving state check step of checking whether the  
printing device is set to a saving state in which a page  
having no output data is not output; and

20 a saving function invalidating step of invalidating  
setting of the saving state when the separation printing  
setting is set to additionally output the predetermined  
medium, and the layout paper printing setting is set off.

4. The method according to claim 1, wherein the printing  
medium is a transparent resin film, and the predetermined  
medium is paper.

5. The method according to claim 3, wherein the  
25 predetermined content is the same as a content printed on  
each page of the output.

each page of the output.

6. The method according to claim 1, further comprising  
a spool step of converting the predetermined data into  
another format and saving the converted data as a spool  
5 file; and

a despooler step of mapping the spool file under  
control of the control step and supplying the mapped file  
to the printing device.

7. A printing control apparatus for controlling a  
10 printing device to output predetermined data onto a  
printing medium, comprising:

separation printing check means for checking a  
separating printing setting, set in advance, representing  
whether a predetermined medium is additionally output over  
15 each page of the output result;

printing order check means for checking a printing  
order setting, set in advance, representing whether the  
predetermined data is output from a final page or first  
page; and

20 control means for, when the separation printing  
setting is set to additionally output the predetermined  
medium and the printing order setting is set to output the  
predetermined data from the first page, controlling to  
output each page of the output result and then additionally  
25 output the predetermined medium before a next page is output,  
and when the separation printing setting is set to



~~Setting is set to additionally output the predetermined medium, and the layout paper printing setting is set off.~~

10. The apparatus according to claim 7, wherein the printing medium is a transparent resin film, and the predetermined medium is paper.

11. The apparatus according to claim 9, wherein the predetermined content is the same as a content printed on each page of the output result.

12. The apparatus according to claim 7, further comprising spool means for converting the predetermined data into another format and saving the converted data as a spool file; and

despooler means for mapping the spool file under control of said control means and supplying the mapped file to the printing device.

13. A storage medium storing a program which can be executed by an apparatus, wherein the apparatus which executes the program is operated as a printing control apparatus for controlling a printing device to output predetermined data onto a printing medium, said printing control apparatus having:

separation printing check means for checking a separating printing setting, set in advance, representing whether a predetermined medium is additionally output over each page of the output result;

printing order check means for checking a printing

~~order setting, set in advance, representing whether the predetermined data is output from a final page or first page; and~~

control means for, when the separation printing  
5 setting is set to additionally output the predetermined medium and the printing order setting is set to output the predetermined data from the first page, controlling to output each page of the output result and then additionally output the predetermined medium before a next page is output,  
10 and when the separation printing setting is set to additionally output the predetermined medium and the printing order setting is set to output the predetermined data from the final page, controlling to additionally output the predetermined medium before each page of the  
15 output result is output.

14. A printing control method comprising:  
checking a printing settings including whether a plurality of different medium are to be output for each page data;  
and

20 determining an output order of the plurality of different medium.